

Summary of Radiated Tx Emissions (Restricted Band)

Measured Frequency Range (MHz)	Channel Frequency	Antenna Polarization	Emission Frequency	Measured Emission [E _{Meas}] (dBuV)	Antenna ACF [ACF] (dB)	Cable Loss [L _c] (dB)	Amplifier Gain [G _A] (dB)	Corrected Emission [E _{Corr}] (dBuV/m)	Limit (dBuV)	Margin (dB)
9kHz - 30MHz	2412.0	Front	ND	ND (1)	0.00	0.00	0.00 (3)	ND (2)	n/a	n/a
9kHz - 30MHz	2412.0	Side	ND	ND (1)	0.00	0.00	0.00 (3)	ND (2)	n/a	n/a
30-1000MHz	2412.0	Horizontal	ND	ND (1)	0.00	0.00	0.00 (3)	ND (2)	46.0	n/a
30-1000MHz	2412.0	Vertical	ND	ND (1)	0.00	0.00	0.00 (3)	ND (2)	43.5	n/a
1 - 3GHz	2412.0	Horizontal	ND	ND (1)	27.40	4.58	0.00 (3)	ND	54.0	n/a
1 - 3GHz	2412.0	Vertical	ND	ND (1)	27.40	4.58	0.00 (3)	ND	54.0	n/a
3-13GHz	2412.0	Horizontal	ND	ND (1)	36.76	9.86	0.00 (3)	ND	54.0	n/a
3-13GHz	2412.0	Vertical	ND	ND (1)	36.76	9.86	0.00 (3)	ND	54.0	n/a
13-18GHz	2412.0	Horizontal	ND	ND (1)	38.75	16.54	0.00 (3)	ND	54.0	n/a
13-18GHz	2412.0	Vertical	ND	ND (1)	38.75	16.54	0.00 (3)	ND	54.0	n/a
18-26GHz	2412.0	Horizontal	ND	ND (1)	43.50	21.86	26.00	ND	54.0	n/a
18-26GHz	2412.0	Vertical	ND	ND (1)	43.50	21.86	26.00	ND	54.0	n/a
Results:									Complies	

(1) No Emissions Detected (ND) above ambient or within 20dB of the limit

(2) Antenna ACF, Cable Loss and Amplifier Gain corrected in Spectrum Analyzer Transducer Factor

(3) External Amplifier not used

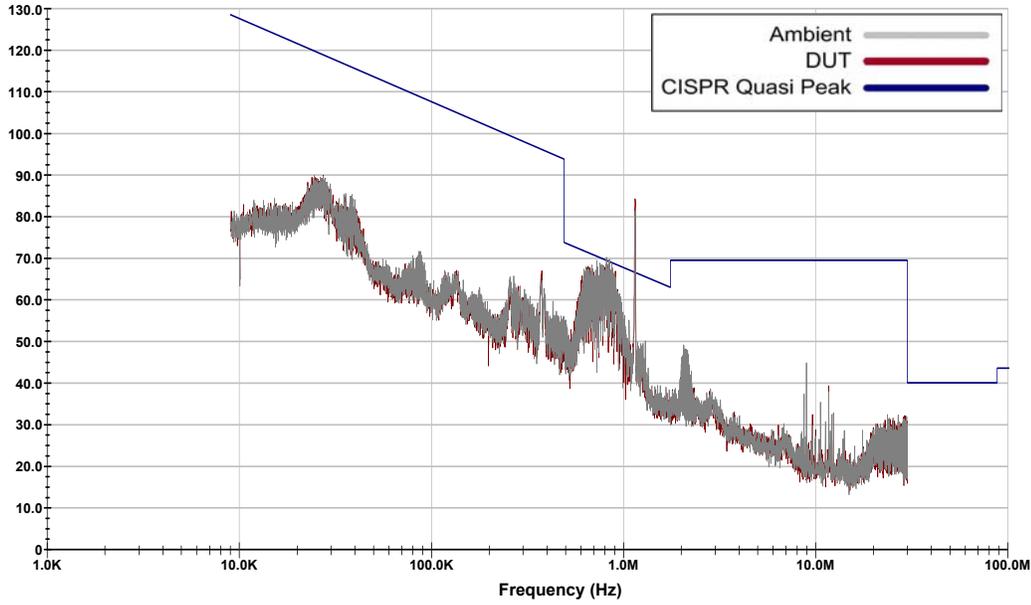
$$E_{\text{Corr}} = E_{\text{Meas}} + \text{ACF} + L_{\text{C}} - G_{\text{A}}$$

Radiated Tx Emissions DTS

Garmin A04125

Radiated Tx Emissions - 9kHz - 30MHz

OATS - Loop Front



02:29:07 PM, Monday, June 07, 2021

Profile Build: 2020.10.19

Frequency Range:

9kHz - 30MHz

Antenna Polarization

Front

Measured Emission:

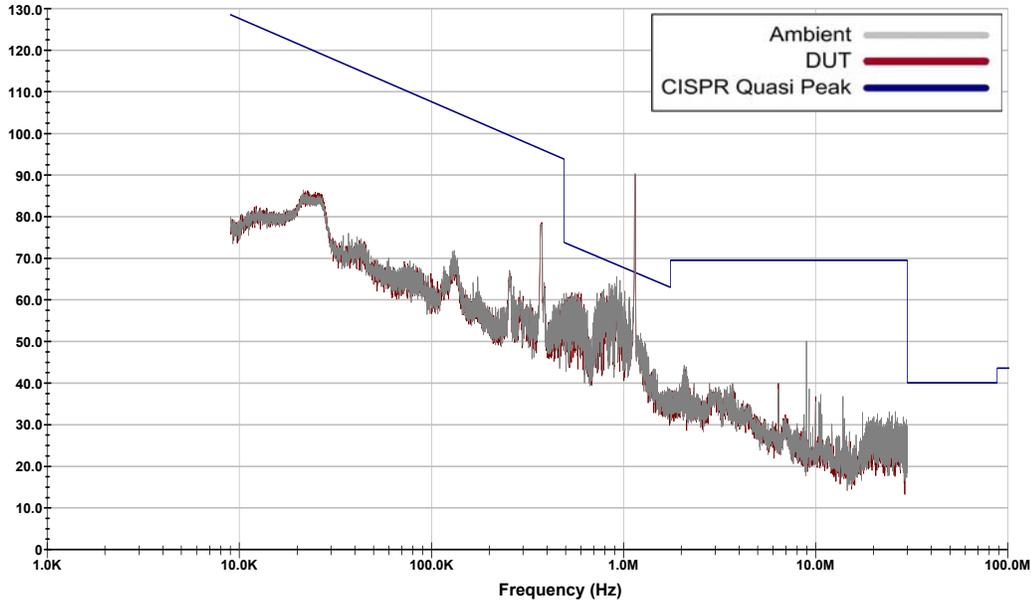
None Detected (ND) dBm

Radiated Tx Emissions DTS

Garmin A04125

Radiated Tx Emissions - 9kHz - 30MHz

OATS - Loop Side



02:29:08 PM, Monday, June 07, 2021

Profile Build: 2020.10.19

Frequency Range:

9kHz - 30MHz

Antenna Polarization

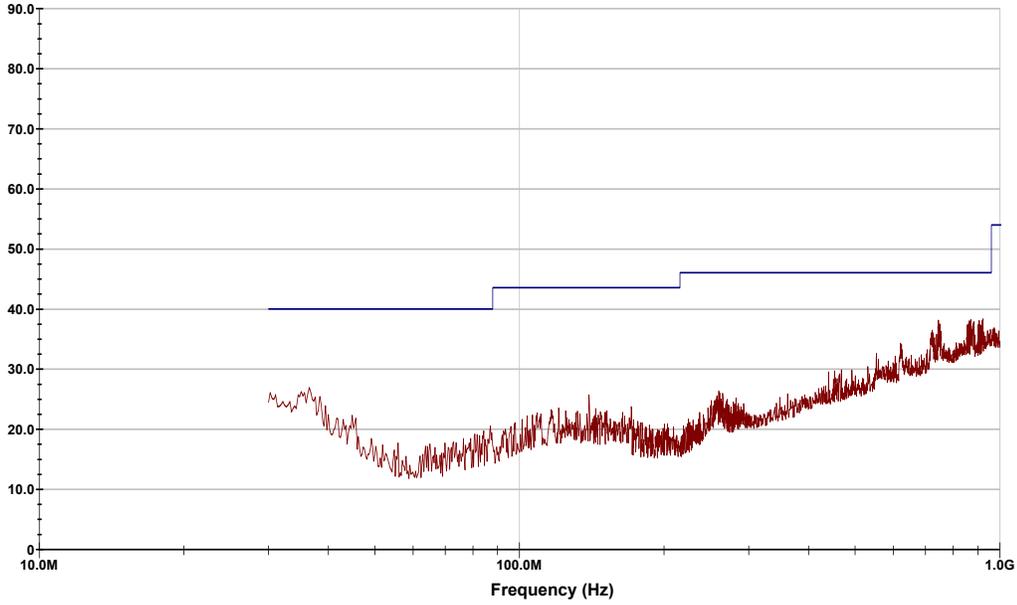
Side

Measured Emission:

None Detected (ND) dBm

Radiated Tx Emissions DTS

Garmin A04125
Radiated Tx Emissions - 30MHz-1GHz
OATS Horizontal



03:33:53 PM, Monday, June 07, 2021

Profile Build: 2020.10.19

Frequency Range:
30 - 1000MHz

Antenna Polarization
Horizontal

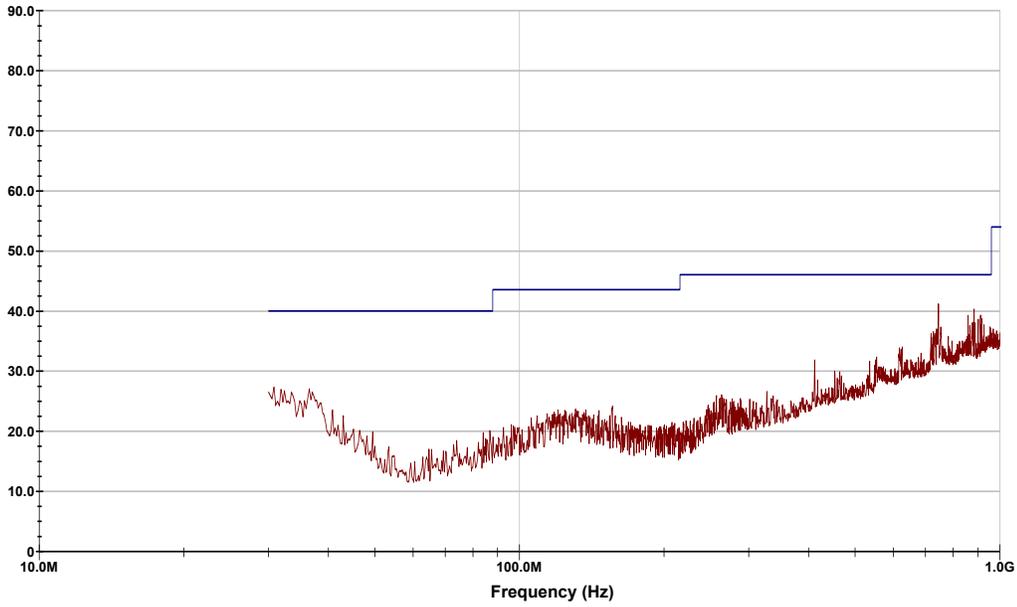
Measured Emission:
None Detected (ND) dBm

Radiated Tx Emissions DTS

Garmin A04125

Radiated Tx Emissions 30 MHz - 1 GHz

OATS Vertical



03:33:53 PM, Monday, June 07, 2021

Profile Build: 2020.10.19

Frequency Range:
30 - 1000MHz

Antenna Polarization
Vertical

Measured Emission:
None Detected (ND) dBm

Radiated Tx Emissions DTS



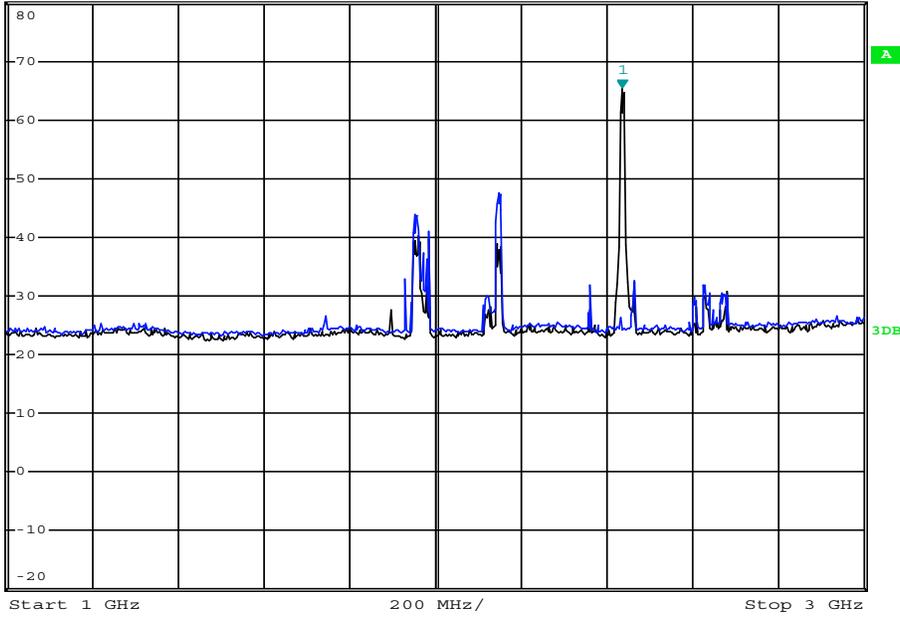
*RBW 1 MHz Marker 1 [T2]
VBW 10 MHz 65.45 dBμV
SWT 10 ms 2.436000000 GHz

Ref 80 dBμV

*Att 10 dB

1 RM *
VIEW

2 RM *
VIEW



Date: 3.JUN.2021 14:12:09

Frequency Range:

1 - 3GHz

Antenna Polarization

Horizontal

Measured Emission:

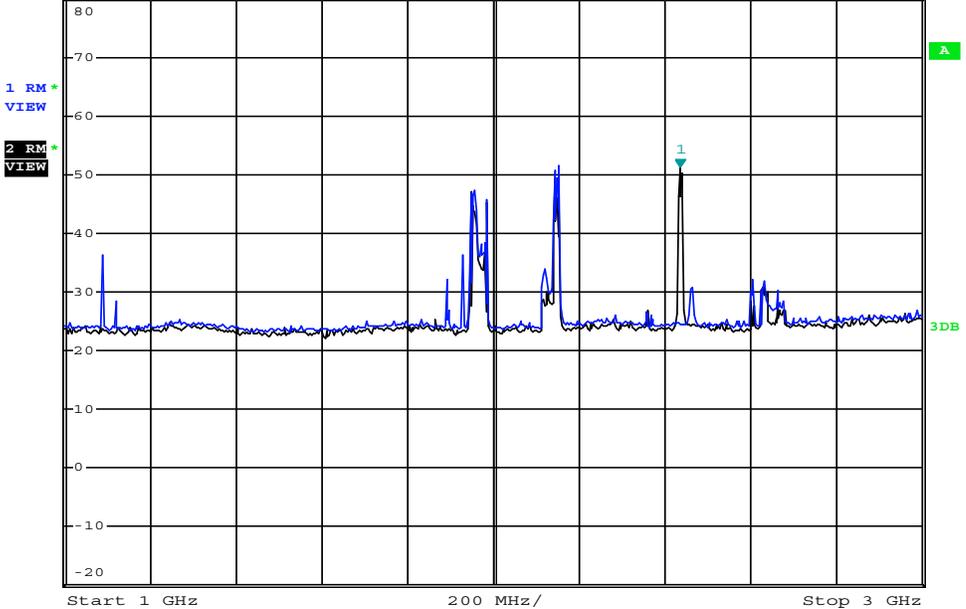
None Detected (ND) dBm

Marker 1: Fundamental

Radiated Tx Emissions DTS



Ref 80 dB μ V *Att 10 dB *RBW 1 MHz Marker 1 [T2]
VBW 10 MHz 51.27 dB μ V
SWT 10 ms 2.436000000 GHz



Date: 3.JUN.2021 14:07:40

Frequency Range:
1 - 3GHz

Antenna Polarization
Vertical

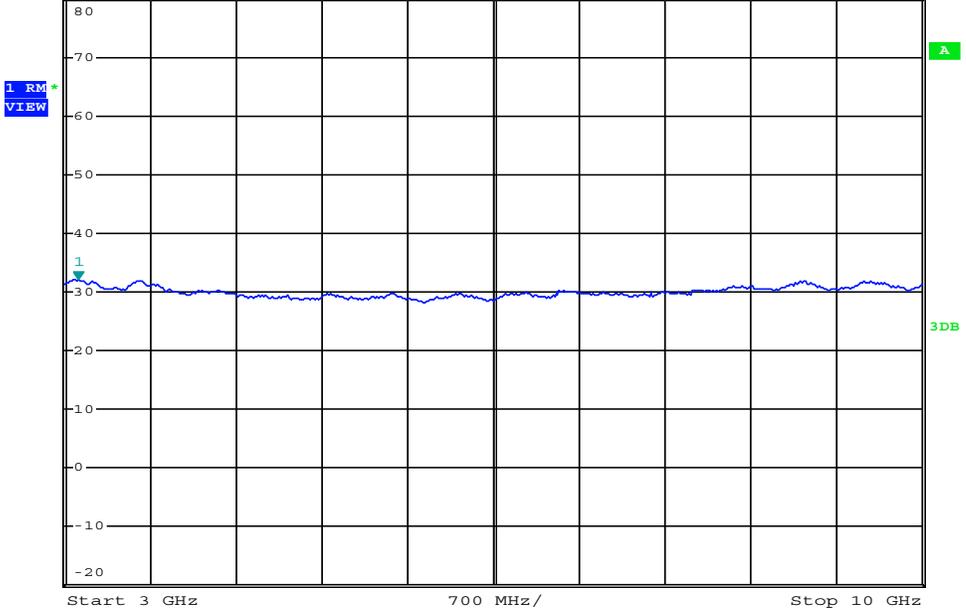
Measured Emission:
None Detected (ND) dBm

Marker 1: Fundamental

Radiated Tx Emissions DTS



Ref 80 dBµV *Att 10 dB *RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 32.06 dBµV
SWT 140 ms 3.11200000 GHz



Date: 3.JUN.2021 14:12:26

Frequency Range:
3 - 10GHz

Antenna Polarization
Horizontal

Measured Emission:
None Detected (ND) dBm

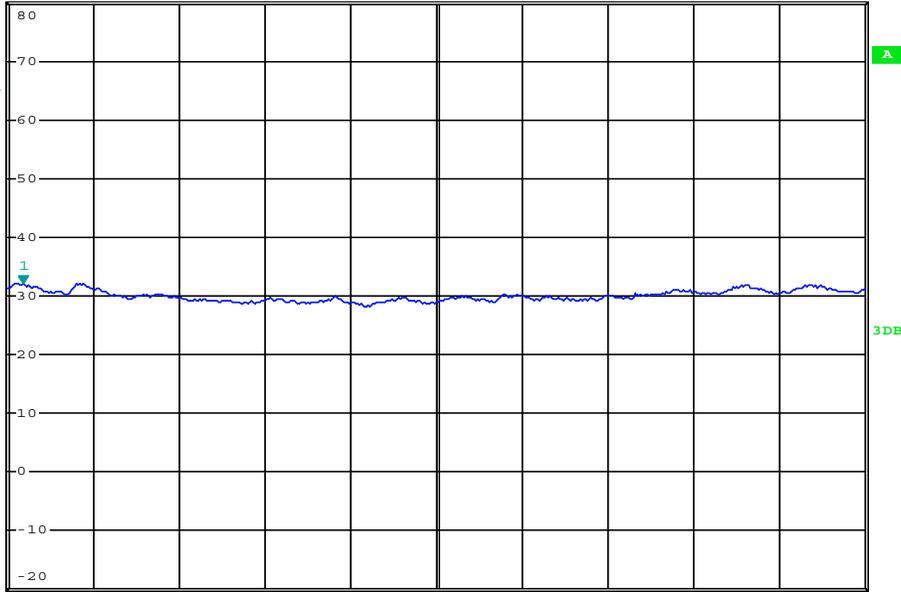
Radiated Tx Emissions DTS



*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 32.23 dBμV
SWT 140 ms 3.126000000 GHz

Ref 80 dBμV *Att 10 dB

1 RM
VIEW



Start 3 GHz 700 MHz/ Stop 10 GHz

Date: 3.JUN.2021 14:07:58

Frequency Range:

3 - 10GHz

Antenna Polarization

Vertical

Measured Emission:

None Detected (ND) dBm

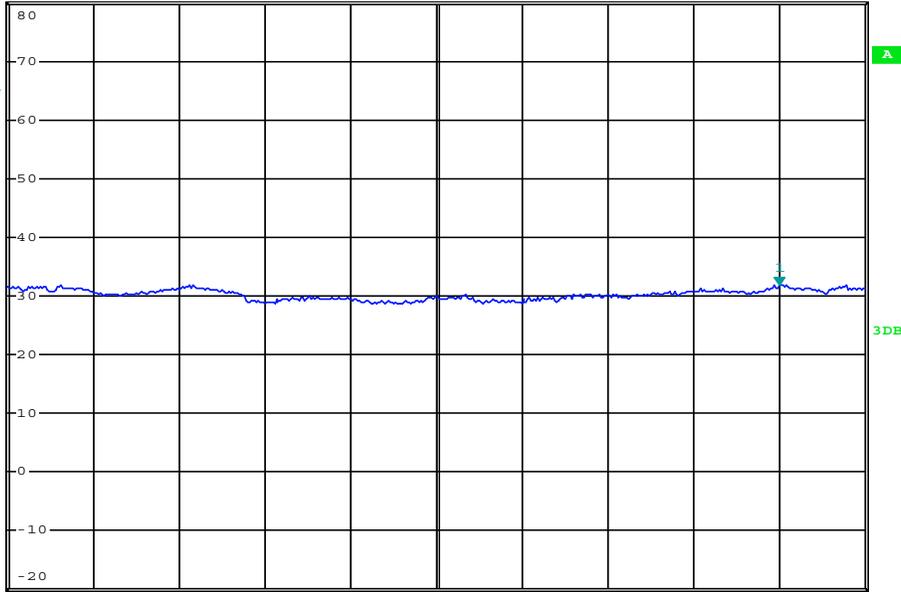
Radiated Tx Emissions DTS



*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 31.90 dBμV
SWT 75 ms 13.240000000 GHz

Ref 80 dBμV *Att 10 dB

1 RM*
VIEW



Start 10 GHz 360 MHz/ Stop 13.6 GHz

Date: 3.JUN.2021 14:12:50

Frequency Range:
10 - 13.6GHz

Antenna Polarization
Horizontal

Measured Emission:
None Detected (ND) dBm

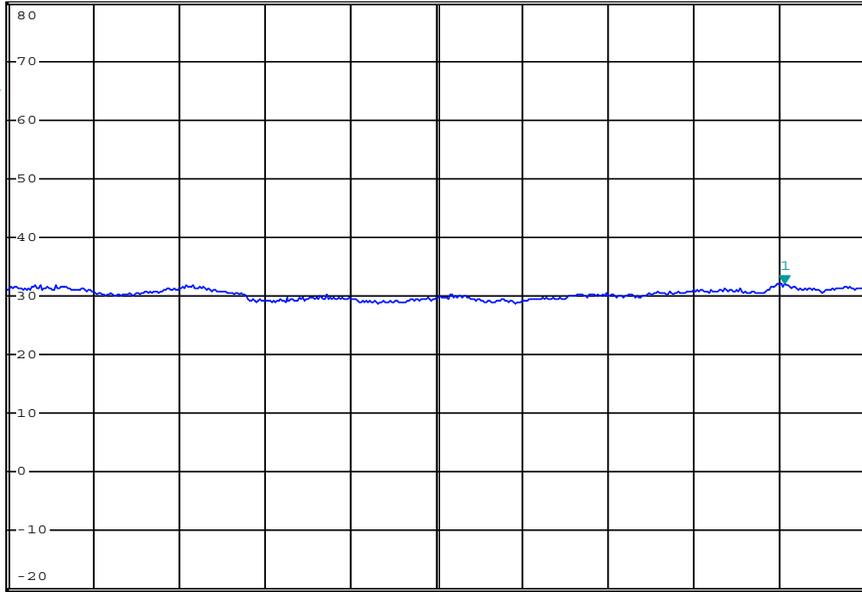
Radiated Tx Emissions DTS



*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 32.05 dBμV
SWT 75 ms 13.261600000 GHz

Ref 80 dBμV *Att 10 dB

1 RM*
VIEW



Start 10 GHz 360 MHz/ Stop 13.6 GHz

Date: 3.JUN.2021 14:08:13

Frequency Range:
10 - 13.6GHz

Antenna Polarization
Vertical

Measured Emission:
None Detected (ND) dBm

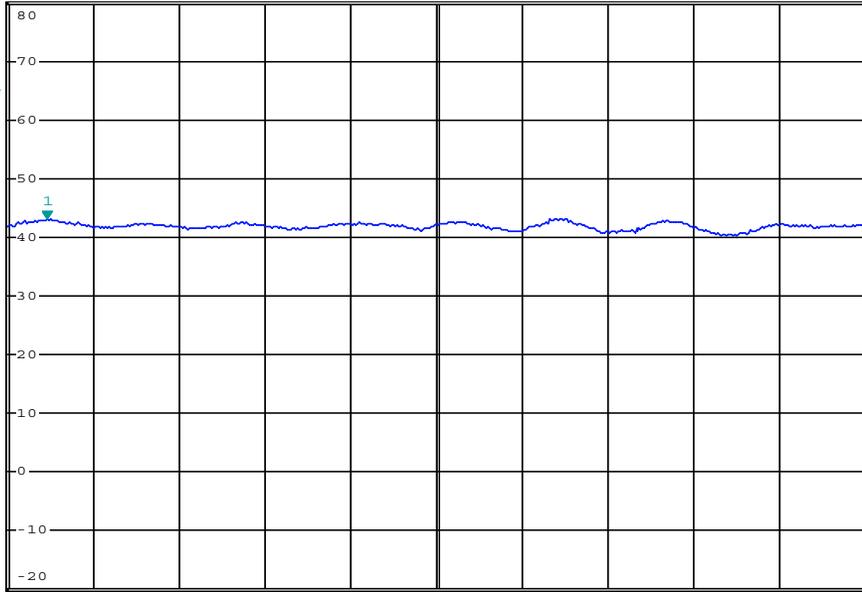
Radiated Tx Emissions DTS



*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 43.21 dBµV
SWT 90 ms 13.802400000 GHz

Ref 80 dBµV *Att 10 dB

1 RM*
VIEW



Start 13.6 GHz 440 MHz/ Stop 18 GHz

Date: 3.JUN.2021 14:13:07

Frequency Range:

13 - 18GHz

Antenna Polarization

Horizontal

Measured Emission:

None Detected (ND) dBm

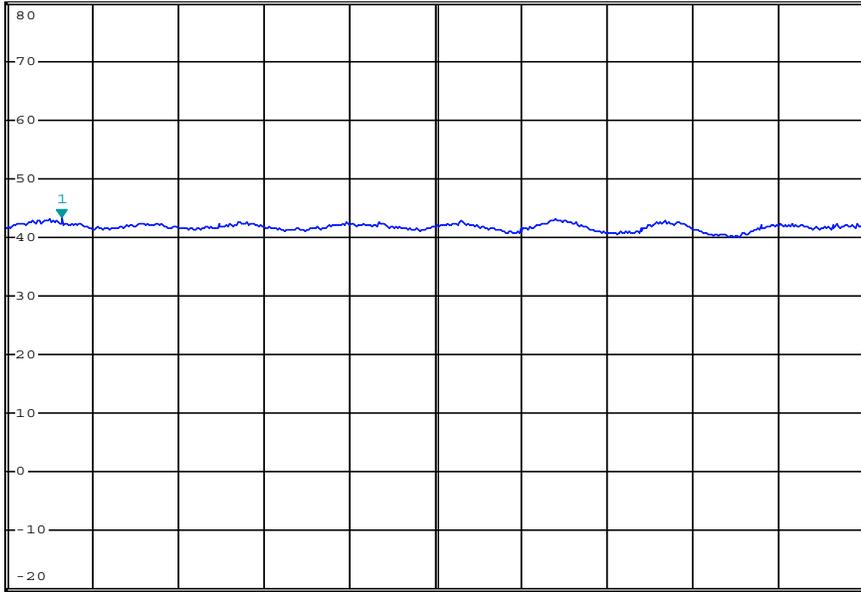
Radiated Tx Emissions DTS



*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 43.33 dBμV
SWT 90 ms 13.881600000 GHz

Ref 80 dBμV *Att 10 dB

1 RM*
VIEW



Start 13.6 GHz 440 MHz/ Stop 18 GHz

Date: 3.JUN.2021 14:08:30

Frequency Range:

13 - 18GHz

Antenna Polarization

Vertical

Measured Emission:

None Detected (ND) dBm

Summary of Radiated Tx Emissions (Restricted Band)

Measured Frequency Range (MHz)	Channel Frequency	Antenna Polarization	Emission Frequency	Measured Emission [E _{Meas}] (dBuV)	Antenna ACF [ACF] (dB)	Cable Loss [L _c] (dB)	Amplifier Gain [G _A] (dB)	Corrected Emission [E _{Corr}] (dBuV/m)	Limit (dBuV)	Margin (dB)
9kHz - 30MHz	2412.0	Front	ND	ND (1)	0.00	0.00	0.00 (3)	ND (2)	n/a	n/a
9kHz - 30MHz	2412.0	Side	ND	ND (1)	0.00	0.00	0.00 (3)	ND (2)	n/a	n/a
30-1000MHz	2412.0	Horizontal	ND	ND (1)	0.00	0.00	0.00 (3)	ND (2)	n/a	n/a
30-1000MHz	2412.0	Vertical	ND	ND (1)	0.00	0.00	0.00 (3)	ND (2)	n/a	n/a
1 - 3GHz	2412.0	Horizontal	ND	ND (1)	27.40	4.58	0.00 (3)	ND	54.0	n/a
1 - 3GHz	2412.0	Vertical	ND	ND (1)	27.40	4.58	0.00 (3)	ND	54.0	n/a
3-13GHz	2412.0	Horizontal	ND	ND (1)	36.76	9.86	0.00 (3)	ND	54.0	n/a
3-13GHz	2412.0	Vertical	ND	ND (1)	36.76	9.86	0.00 (3)	ND	54.0	n/a
13-18GHz	2412.0	Horizontal	ND	ND (1)	38.75	16.54	0.00 (3)	ND	54.0	n/a
13-18GHz	2412.0	Vertical	ND	ND (1)	38.75	16.54	0.00 (3)	ND	54.0	n/a
18-26GHz	2412.0	Horizontal	ND	ND (1)	43.50	21.86	26.00	ND	54.0	n/a
18-26GHz	2412.0	Vertical	ND	ND (1)	43.50	21.86	26.00	ND	54.0	n/a
Results:									Complies	

(1) No Emissions Detected (ND) above ambient or within 20dB of the limit

(2) Antenna ACF, Cable Loss and Amplifier Gain corrected in Spectrum Analyzer Transducer Factor

(3) External Amplifier not used

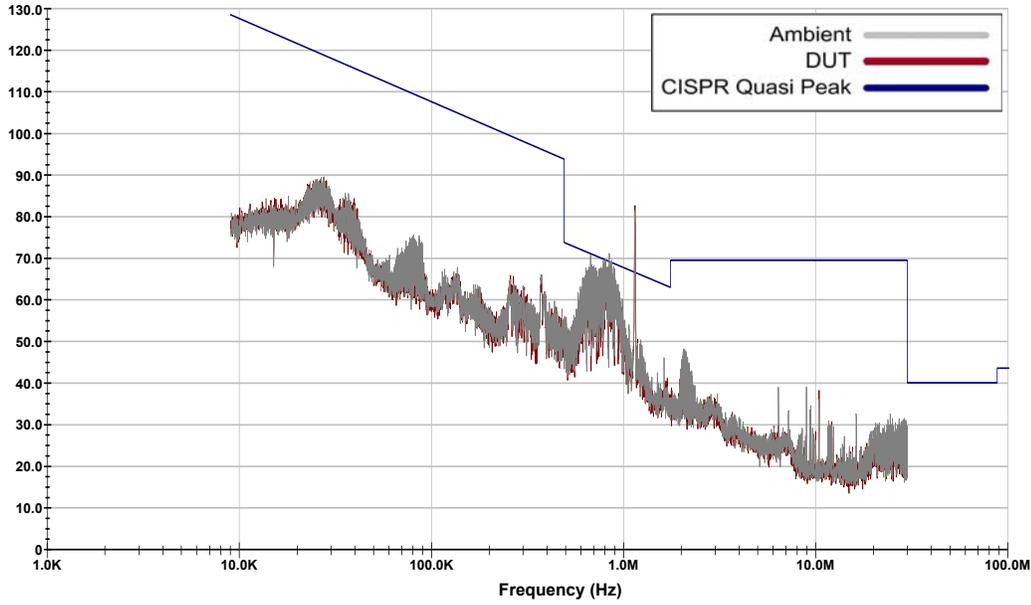
$$E_{\text{Corr}} = E_{\text{Meas}} + \text{ACF} + L_{\text{C}} - G_{\text{A}}$$

Radiated Tx Emissions FHSS

Garmin A04125

Radiated Tx Emissions - 9kHz - 30MHz

OATS - Loop Front



09:27:40 AM, Tuesday, June 08, 2021

Profile Build: 2020.10.19

Frequency Range:
9kHz - 30MHz

Antenna Polarization
Front

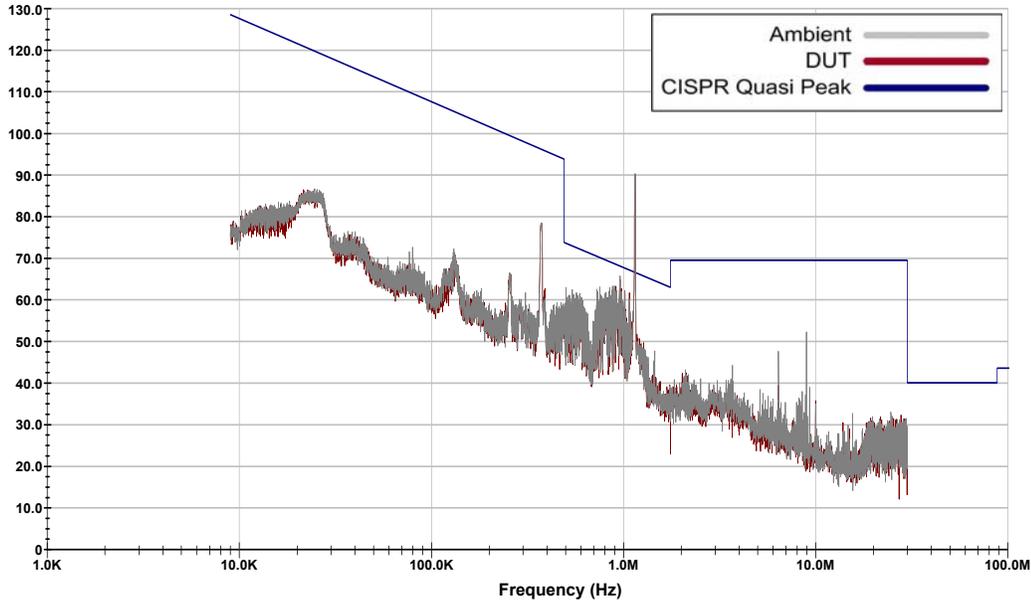
Measured Emission:
None Detected (ND) dBm

Radiated Tx Emissions FHSS

Garmin A04125

Radiated Tx Emissions - 9kHz - 30MHz

OATS - Loop Side



09:27:40 AM, Tuesday, June 08, 2021

Profile Build: 2020.10.19

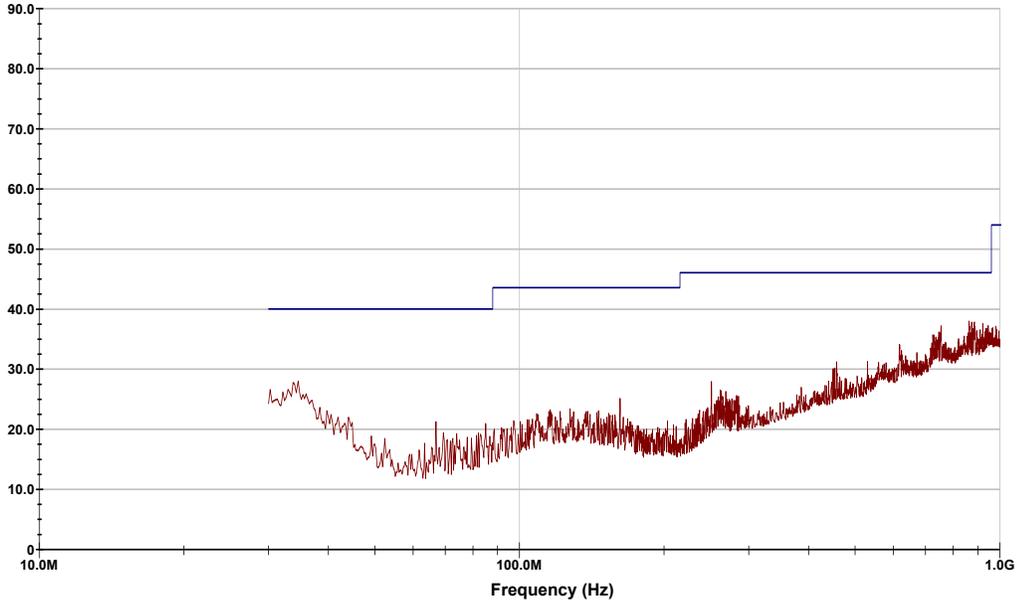
Frequency Range:
9kHz - 30MHz

Antenna Polarization
Side

Measured Emission:
None Detected (ND) dBm

Radiated Tx Emissions FHSS

Garmin A04125
Radiated Tx Emissions - 30MHz-1GHz
OATS Horizontal



09:44:21 AM, Tuesday, June 08, 2021

Profile Build: 2020.10.19

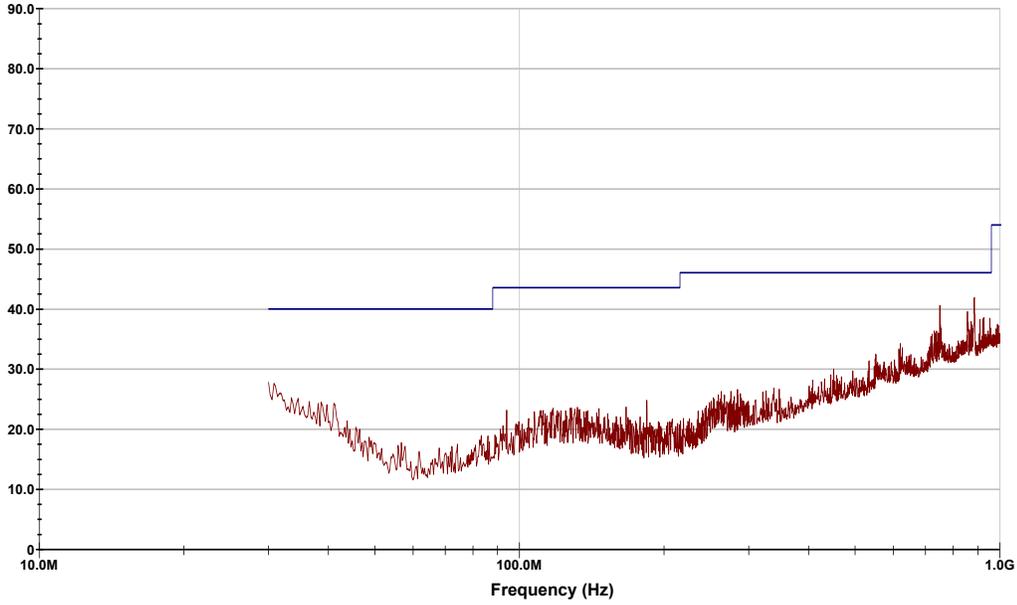
Frequency Range:
30 - 1000MHz

Antenna Polarization
Horizontal

Measured Emission:
None Detected (ND) dBm

Radiated Tx Emissions FHSS

Garmin A04125
Radiated Tx Emissions 30 MHz - 1 GHz
OATS Vertical



09:44:21 AM, Tuesday, June 08, 2021

Profile Build: 2020.10.19

Frequency Range:
30 - 1000MHz

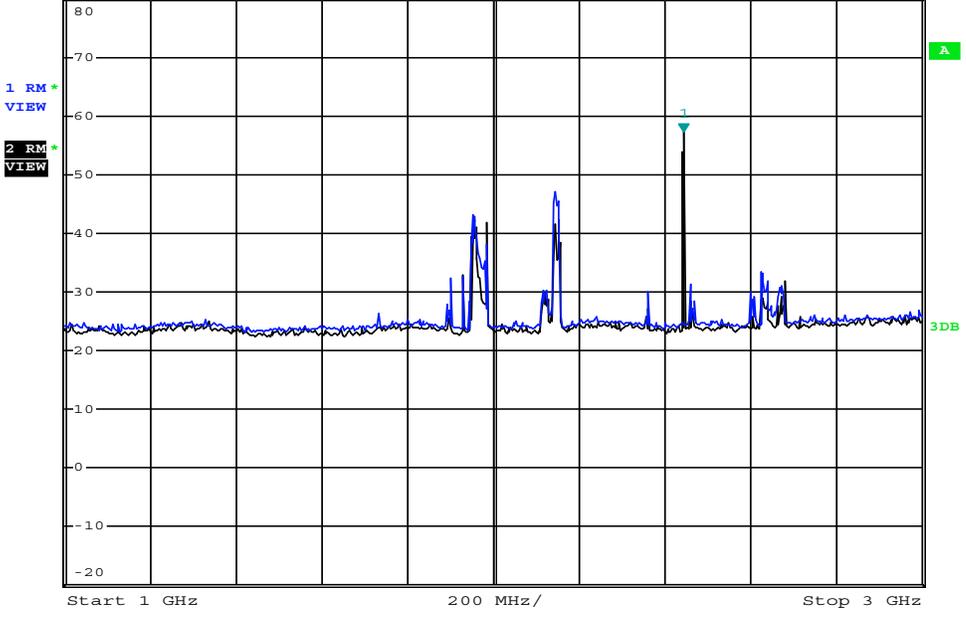
Antenna Polarization
Vertical

Measured Emission:
None Detected (ND) dBm

Radiated Tx Emissions FHSS



Ref 80 dBμV *Att 10 dB *RBW 1 MHz Marker 1 [T2]
VBW 10 MHz 57.18 dBμV
SWT 10 ms 2.444000000 GHz



Date: 3.JUN.2021 13:53:15

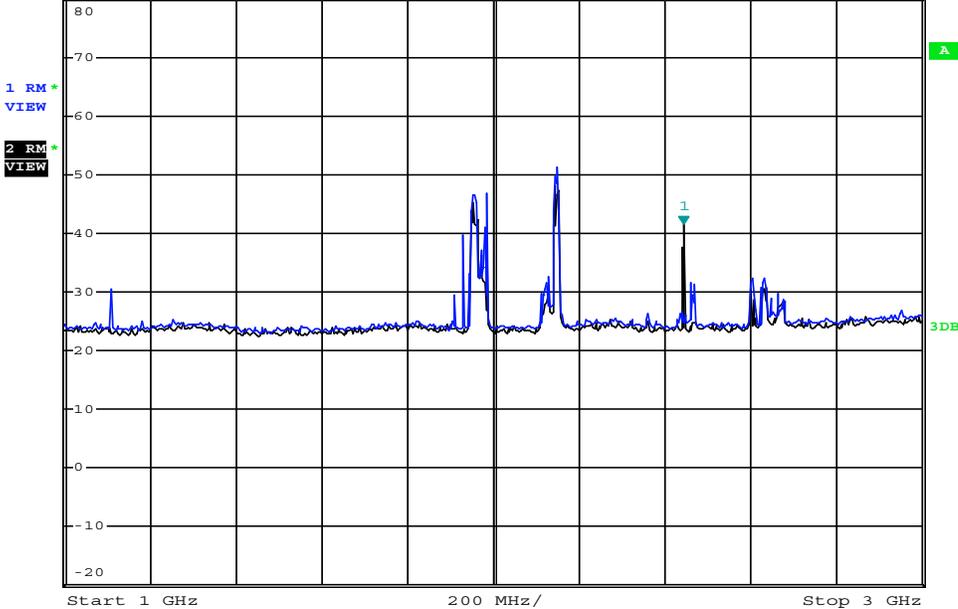
Frequency Range: 1 - 3GHz	Antenna Polarization: Horizontal	Measured Emission: None Detected (ND) dBm
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Marker 1: Fundamental

Radiated Tx Emissions FHSS



Ref 80 dBµV *Att 10 dB *RBW 1 MHz Marker 1 [T2]
VBW 10 MHz 41.47 dBµV
SWT 10 ms 2.445000000 GHz



Date: 3.JUN.2021 13:48:44

Frequency Range:
1 - 3GHz

Antenna Polarization
Vertical

Measured Emission:
None Detected (ND) dBm

Marker 1: Fundamental

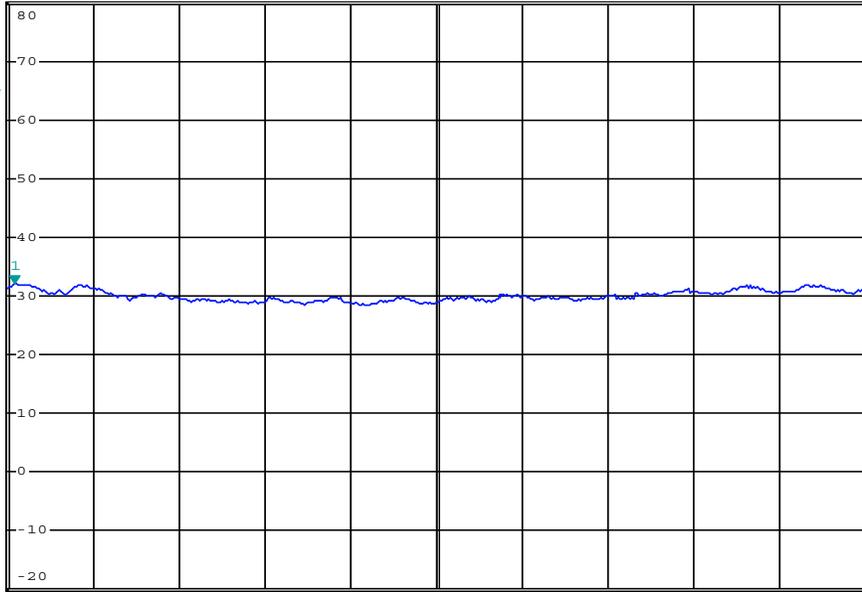
Radiated Tx Emissions FHSS



*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 32.07 dBμV
SWT 140 ms 3.056000000 GHz

Ref 80 dBμV *Att 10 dB

1 RM
VIEW



Start 3 GHz 700 MHz/ Stop 10 GHz

Date: 3.JUN.2021 13:53:39

Frequency Range:

3 - 10GHz

Antenna Polarization

Horizontal

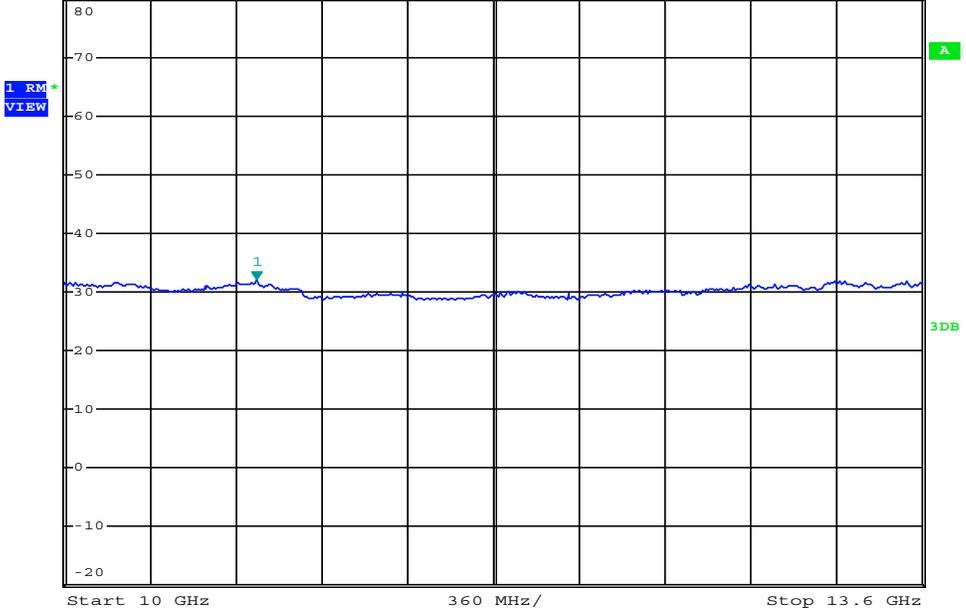
Measured Emission:

None Detected (ND) dBm

Radiated Tx Emissions FHSS



Ref 80 dBμV *Att 10 dB *RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 32.08 dBμV
SWT 75 ms 10.806400000 GHz



Date: 3.JUN.2021 13:53:56

Frequency Range:
10 - 13.6GHz

Antenna Polarization
Horizontal

Measured Emission:
None Detected (ND) dBm

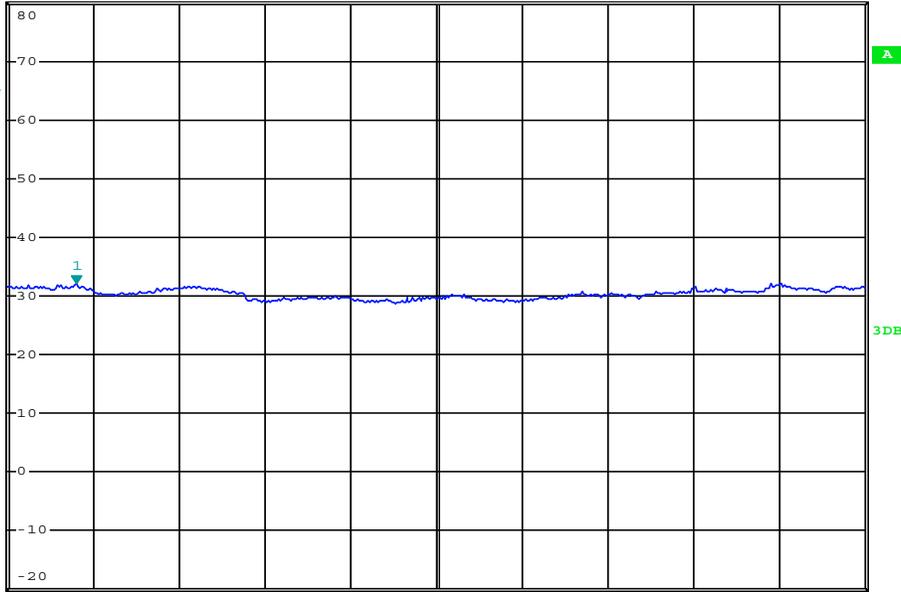
Radiated Tx Emissions FHSS



*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 32.06 dBμV
SWT 75 ms 10.288000000 GHz

Ref 80 dBμV *Att 10 dB

1 RM*
VIEW



Start 10 GHz 360 MHz/ Stop 13.6 GHz

Date: 3.JUN.2021 13:49:26

Frequency Range:

10 - 13.6GHz

Antenna Polarization

Vertical

Measured Emission:

None Detected (ND) dBm

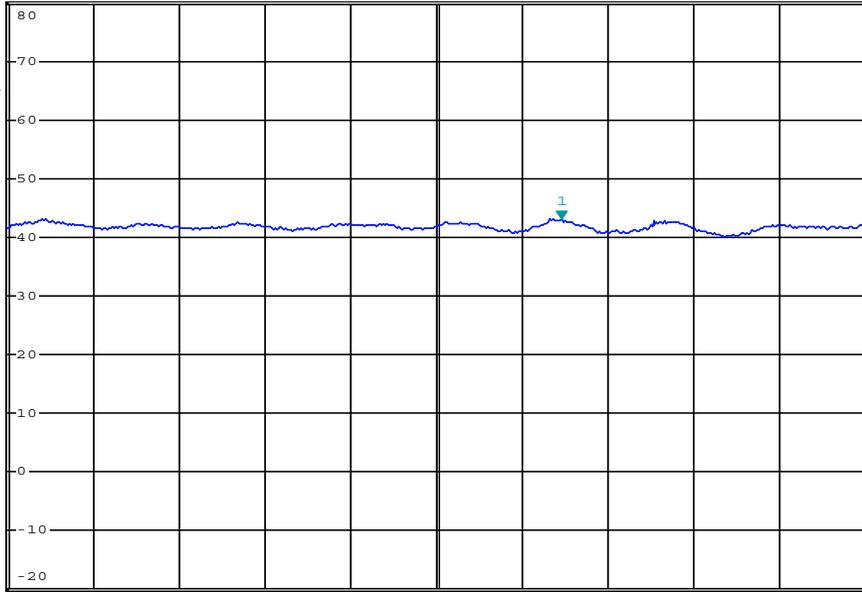
Radiated Tx Emissions FHSS



*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 43.20 dBμV
SWT 90 ms 16.442400000 GHz

Ref 80 dBμV *Att 10 dB

1 RM*
VIEW



Start 13.6 GHz 440 MHz/ Stop 18 GHz

Date: 3.JUN.2021 13:54:14

Frequency Range:

13 - 18GHz

Antenna Polarization

Horizontal

Measured Emission:

None Detected (ND) dBm

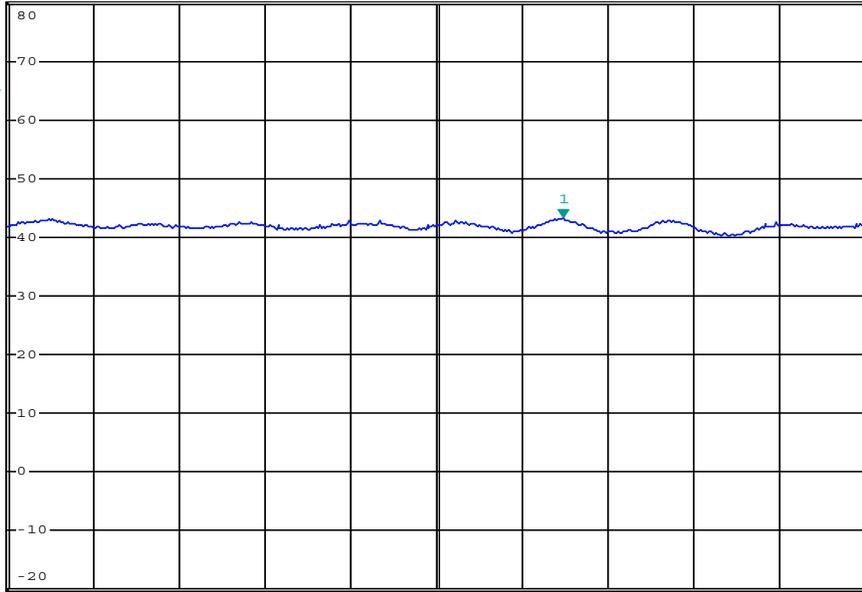
Radiated Tx Emissions FHSS



*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 43.31 dBμV
SWT 90 ms 16.451200000 GHz

Ref 80 dBμV *Att 10 dB

1 RM*
VIEW



Start 13.6 GHz 440 MHz/ Stop 18 GHz

Date: 3.JUN.2021 13:49:53

Frequency Range:
13 - 18GHz

Antenna Polarization
Vertical

Measured Emission:
None Detected (ND) dBm